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| UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) | | Attorney Docket No.: ISO1207AP |
| | | First Inventor: Weigler, William C. et al. |
| | | Title: VERTICAL REMOVAL OF EXCESS SOLDER FROM A CIRCUIT SUBSTRATE |
| | | Express Mail Label No.: EU940604675US |

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| APPLICATION ELEMENTS (see MPEP chapter 600 concerning utility patent application contents) | | Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>17</u>] <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or computer program listing appendix -Brief Summary of the Invention -Brief Description of the Drawings (<i>if filed</i>) -Detailed Description -Claim(s) -Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>3</u>] 5. Oath or Declaration [Total Sheets <u>4</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)</p> <p>i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CFR)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-4 (2 copies); or ii. <input type="checkbox"/> Paper </p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> | | |
| ACCOMPANYING APPLICATION PARTS <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PT-1449 Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p> | | |

18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in- Part (CIP) of prior application No. _____

Prior application information: Examiner: _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | |
|--|------------------|------------------|---|
| <input checked="" type="checkbox"/> Customer Number <u>22917</u> | | or | <input type="checkbox"/> Correspondence address below |
| Name | | | |
| Address | | | |
| City | State | Zip Code | |
| Country | Telephone | Fax | |
| Name | Brian M. Mancini | Registration No. | 39,288 |
| SIGNATURE | Date | | October 28, 2003 |

031088 U.S.P.T.O.
10/695187



**FEE
TRANSMITTAL**

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 810.00)

| Complete if Known | |
|----------------------|----------------------------|
| Application Number | |
| Filing Date | October 28, 2003 |
| First Named Inventor | Weigler, William C. et al. |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | IS01207AP |

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|-------------------------|-------------|---------------------|
| TOTAL AMOUNT OF PAYMENT | (\$ 810.00) | Attorney Docket No. |
|-------------------------|-------------|---------------------|

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

| | |
|------------------------|----------------|
| Deposit Account Number | 50-2117 |
| Deposit Account Name | Motorola, Inc. |

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) during the pendency of this application
- Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

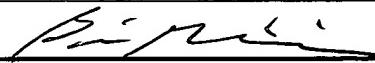
| Large Entity | Small Entity | | | |
|--------------|--------------|----------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 | Surcharge - late Provisional filing |
| 1053 | 130 | 1053 | 130 | Non-English specification |
| 1812 | 2520 | 1812 | 2520 | For filing a request for ex parte Reexamination |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |
| 1805 | 1840* | 1805 | 1840* | Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month |
| 1254 | 1480 | 2254 | 740 | Extension for reply within fourth month |
| 1255 | 2010 | 2255 | 1005 | Extension for reply within fifth month |
| 1401 | 330 | 2401 | 165 | Notice of Appeal |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal |
| 1403 | 290 | 2403 | 145 | Request for oral hearing |
| | | | | Petition to institute a public use proceeding |
| 1451 | 1510 | 1451 | 1510 | Petition to revive - unavoidable |
| 1452 | 110 | 2452 | 55 | Petition to revive - unintentional |
| 1453 | 1330 | 2453 | 665 | Utility issue fee (or reissue) |
| 1501 | 1330 | 2501 | 665 | Design issue fee |
| 1502 | 480 | 2502 | 240 | Plant issue fee |
| 1503 | 640 | 2503 | 320 | Petitions to the Commissioner |
| 1460 | 130 | 1460 | 130 | Processing fee under 37 CFR 1.17(q) |
| 1807 | 50 | 1807 | 50 | Submission of IDS |
| 1806 | 180 | 1806 | 180 | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |
| | | | | Other fee (specify) _____ |
| | | | | SUBTOTAL (3) (\$ 40.00) |

* Reduced by Basic Filing Fee Paid

** or number previously paid, if greater; For Reissues, see above.

SUBMITTED BY

| | | |
|-------------------|------------------|------------------|
| Name (Print/Type) | Brian M. Mancini | Registration No. |
|-------------------|------------------|------------------|

| | | |
|-----------|---|------|
| Signature |  | Date |
|-----------|---|------|

Complete (if applicable)

Registration No. 39,288 Telephone 847-576-3992

Date October 28, 2003